

BEAM POWER TUBE

198C6.
COCA
1

GENERAL DATA	
Electrical:	
Heater, for Unipotential Cathode: Voltage	amp
Characteristics, Class A ₁ Amplifier:	
The state of the s	250 volts 250 volts 250 volts 8 5000 ohms 5000 µmhos 75 ma 4 ma -45 volts
Mechanical:	
Mounting Position Vertical, base up Horizontal with pins 2 and 7 in volume Maximum Overall Length	ertical plane 5" -1/4" ± 3/16" 1-9/16" T-12 ETEC No.C1-1) ! Octal 8-Pin C No.B8-110), ! Octal 8-Pin EC No.B8-118)
Pin 1 - No Connection Pin 2 - Heater Pin 3 - Cathode, Grid No.3 Pin 4 - Same as Pin 1 Pin 5 - Gr Pin 6 - Same Pin 7 - Heater Pin 8 - Gr Cap - Planta O Without external shield.	me as Pin 1 ater id No.2





19BG6-GA **BEAM POWER TUBE**

HORIZONTAL DEFLECTION AMPLIFIER	
Maximum Ratings, Design-Center Values Except as Noted:	
For operation in a 525-line, 30-frame system	
DC PLATE VOLTAGE 700 max. vo	lts
(Absolute maximum)⊕ 6600■ max. vo	Itsi
PEAK NEGATIVE-PULSE PLATE VOLTAGE 1500 max. vo	lts
DC GRID-No.2 (SCREEN) VOLTAGE 350 max. vo	lts
CATHODE CURRENT:	lts
Peak 400 max.	ma
Average	mal
	tts,
PEAK HEATER-CATHODE VOLTAGE:	tts
Heater negative with respect to cathode . 200 max. vo	lts
BULB TEMPERATURE (At hottest point	lts
on bulb surface)	°C
Maximum Circuit Values:	
Grid-No.1-Circuit Resistance: For grid-resistor-bias operation 0.47 max. mega	ohm
As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations", Federal Communications Commission. Under no circumstances should this absolute value be exceeded.	
The duration of the voltage pulse must not exceed 15 per cent of chorizontal scanning cycle. In a 525-line, 30-frame system, 15 pcent of one horizontal scanning cycle is 10 microseconds.	one er
It is essential that the plate dissipation be limited in the event loss of grid signal. For this purpose, some protective means such a cathode resistor of suitable value should be employed. The dc component must not exceed 100 volts.	

CURVES

for Type 19BG6-GA are the same as those shown for Type 6BG6-G $\,$